

*Light4CE*<sup>®</sup>

# LEDForce 7 RGB



**USER MANUAL**

# User manual

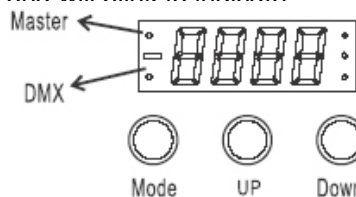
## LEDForce 7 RGB

### 1.Safety instructions

- Every person involved with the installation, operation and maintenance of this device has to :  
be qualified  
follow the instructions of this manual
- CAUTION! Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!
- This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.
- Important: Damages caused by the disregard of this user manual are not subject to warranty. The distributor will not accept liability for any resulting defects or problems.
- Keep away from heaters and other heating sources!
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- shields, lenses or ultraviolet screens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.
- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Make sure that the available voltage is not higher than stated in this manual.
- Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.
- DANGER OF BURNING! Never touch the device during the operation! The housing heats up to the housing temperature.
- Don't switch the device on and off in short intervals as this would reduce the lamp's life.
- HEALTH HAZARD! Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics)!
- Always disconnect from the mains, when the device is not in user or before cleaning it.
- Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.
- Keep away children and amateurs from the device!
- There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

### 2.Operating instructions

1. This system has DMX Online mode and Stand-alone Mode. Online mode can link other units and be controlled by the DMX controller. And Stand-alone Mode has the functions of Sound, Auto Mixcolor and Strobe and so on.
2. If a DMX signal is present under Online mode, the DMX LED will blink very fast to indicate. While under Master/Slave mode, Master's LED indicator will light and Slave's one will blink to indicate
3. Button Function Description:  
Press MODE button to select your desire mode.  
And press UP or Down button to select DMX address, switch AUTO MODE, adjust the speed value and select color. Up key is to add value. Down key is to reduce value.  
(Note: If you press UP or DOWN key more than seconds, you can select quickly.)



Button mode	Function description
Mode	Select your desire mode
Up	DMX: select address, run AUTOMODE, adjust MODE SPEED, MACRO: select colour
Down	DMX: select address, run AUTOMODE, adjust MODE SPEED, MACRO: select colour

NO.	MODE	DISPLAY	INTRODUCTION
1	<b>DMX mode 1 (1CHS)</b>	1XXX (XXX=001-511)	Macro
2	<b>DMX mode 2 (2CHS)</b>	2XXX (XXX=001-511)	Macro (CH 1)+Luminance (CH 2)
3	<b>DMX mode 3 (3CHS)</b>	3XXX (XXX=001-511)	R(CH 1), G(CH2) ,B(CH3)
4	<b>DMX mode 4 (7CHS)</b>	4XXX (XXX=001-511)	DMX MODE
5	Red manual mode (static)	D1XX (XX=00-99)	red luminance adjust, 00-99: 0-100% lumiance adjust
6	Green manual mode(static)	D2XX (XX=00-99)	green luminance adjust, 00-99: 0-100% lumiance adjust
7	Blue manual mode (static)	D3XX (XX=00-99)	blue luminance adjust, 00-99: 0-100% lumiance adjust
8	Strobe	D4XX (XX=00-99)	Strobe, 00-99: non-strobe-fastest strobe
9	Auto-mix color	F XX (XX=01-15)	Auto mix color speed adjust: 01 fastest, 15 slowest
10	7color strobe	C XX (XX=01-15)	7color strobe: 1 fastest, 15 slowest
11	Sound mode	SO	7 sound mode

1. DMX Mode1(1 CH,display:1XXX;XXX=DMX address,press up/down change DMX address.

1	CH 1 (0-255)	Function	2	CH 1 (0-255)	CH 2 (0-255)	Function
<b>DMX mode 1</b>	Macro	3 5 c o l o r setting+black	<b>DMX mode 2</b>	Macro	Luminence	36 color setting +luminance

2. DMX Mode2(2 CH,display:2XXX;XXX=DMX address,press up/down change DMX address.

3. DMX Mode3(3 CH,display:3XXX;XXX=DMX address,press up/down change DMX address.

3	CH10-255)	CH1	CH1	Function
<b>DMX mode 3</b>	R	G	B	R/G/B luminance setting

4.DMX mode 4(7CHS,display:4XXX;XXX=DMX address.Pressing UP/DOWN change DMX address.)

	CH6	CH1	CH2	CH3	CH4	CH5	CH6	CH7	
	mode	R	G	B	Macro	Speed/strobe	Mode	MASTER DIM.	Function
1	(0-35) setting color	0	0	0	0-13(off)	strobe	(0-35) color adjust)	Dimmer 0-255: min-max	No out
		1-255	1-255	1-255	14-255 Macro	0-15:static 16-255: 16 steps			RGB/strobe
		NA	NA	NA					macro (PRI)
	(36-71)	0-7 OFF 8-255 JOIN IN			NA	Setting Speed 0-255: 16 steps	(36-71)		light mode
	(72-107)						(72-107)		dim mode
	(108-143)						(108-143)		dim& light mode
	(144-179)						(144-179)		auto mix color
	(180-251)	NA	NA	NA			(180-215)		3 color strobe
	7 color sound control (252-255)	NA			NA	(216-251)	7 color strobe		
						7 color sound control	luminance change as sound intensity		

### **3. Technical specifications**

Input voltage range: 90-260V, 50/60Hz

Power consumption: 28W/75VA (power factor= 0.38)

LED device: 7 x 3 Watt Tri Color RGB LEDs

Expected life time: 50,000 hours

Beam Angle: 10°, (25° optional kit available)

Operational modes: Sound Active, Macro, Auto, DMX

Control protocol DMX 512

DMX modes: 4

Control channels: 1, 2, 3, 7

Setting and addressing: LED control display

DMX IN/OUT: 5-pin XLR

Dimensions : (LxWxH) 254 x 184 x 146mm / 10" x 7,5" x 5,5" (without hanging bracket)

Weight : 1.9 kg

*Version: 1.1*

*April 19, 2010*

*Specifications are subject to change without specification*